Section 1. Course Title and Description

Prefix & No. | Course Title | Credits
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CSC 487 | Network Security | 3
CSC 587 | Network Security | 3

Course Description: An introduction to cryptography and its application to network and operating system security: security threats, applications of cryptography, secret key and public key cryptographic algorithms, hash functions, basic number theory, authentication, and security for electronic mail.

Prerequisite: “C” or better in CSC 300 Data Structures.

Section 2. Review of Course

Will this be a common or unique course? (select the appropriate option below)

X This course will be a unique course. (Go to Section 3.)

Section 3. Other Course Information

1. Are there instructional staffing impacts?
   
   X No, schedule management. Explain: CSC 487 will replace CSC 492 Topics – Network Security.

2. Existing program in which course will be offered: Computer Science

3. Proposed instructional method: R - Lecture

   Provide a brief justification: While the class will require hands-on experience for students, a majority of the content will be delivered in a recitation format.

4. Proposed primary delivery: 001 – Face to Face

5. Term in which change will be effective: Fall 2015

6. Can this course be repeated for additional credit? No

7. Will the grade for this course be limited to S/U (pass/fail)? Yes

8. Will section enrollments be capped? Yes, 40 maximum per section

9. Will this course be equated (i.e. considered the same course for degree completion) with any other unique or common course in the course database? No

10. Is this prefix already approved for your university? Yes

Section 4. To be completed by Academic Affairs

1. University department code: SEECS

2. Proposed CIP code: 11.0201

   Is this a new CIP code for this university? Yes

   X No